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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

PATENT APPLICATION SERIAL NO. .... 10/667,831  
FILING DATE ..... September 22, 2003  
ART UNIT ..... n/a  
EXAMINER ..... n/a  
APPLICANT ..... Stephen P. COLE et al.  
CONFIRMATION NO. .... 1005  
ATTORNEY'S DOCKET NO. .... FO01-P03  
TITLE: **METHOD OF OBTAINING PORE PRESSURE AND FLUID SATURATION  
CHANGES IN SUBTERRANEAN RESERVOIRS BY FORWARD MODELING**

**PTO TRANSMITTAL LETTER AND CERTIFICATE OF MAILING**

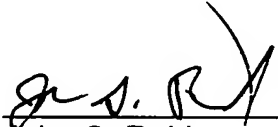
To: Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

From: John S. Reid  
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Enclosed are:

1. Return Receipt Postcard;
2. Transmittal Letter and Certificate of Mailing;
3. Response to Office Action (13 pages)
4. Supplemental Declaration (3 pages).

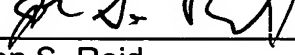
Date: May 25, 2005

By:   
John S. Reid  
Reg. No. 36,369

**CERTIFICATE OF MAILING**

I hereby certify the items listed above as enclosed are being deposited with the U.S. Postal Service as first class mail in an envelope addressed to The Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the below-indicated date.

Date: May 25, 2005

By:   
John S. Reid  
Reg. No. 36,369



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Signature: *John S. Reid*

**PATENT APPLICATION**  
**DOCKET NO. FO01-P03**

**IN THE**  
**UNITED STATES PATENT AND TRADEMARK OFFICE**

**INVENTORS:** Stephen P. COLE et al.      **CONFIRMATION NO.**      1005  
**SERIAL NO.:** 10/667,831      **GROUP ART UNIT:**      3663  
**FILING DATE:** September 22, 2003      **EXAMINER:** HUGHES, Scott A.

**TITLE:**      **METHOD OF OBTAINING PORE PRESSURE AND FLUID SATURATION CHANGES IN SUBTERRANEAN RESERVOIRS BY FORWARD MODELING**

**MAIL STOP AMENDMENT**  
**COMMISSIONER FOR PATENTS**  
**P.O. BOX 1450**  
**ARLINGTON, VA 22313-1450**

**RESPONSE TO OFFICE ACTION**

**SIR OR MADAM:**

This Response is to the Office action dated April 19, 2005 in the above referenced case.

**Claim status**

Claims originally present: 1-34.  
Claims previously canceled: none.  
Claims previously amended: none.  
Claims previously added: none.  
Claims hereby canceled: none.  
Claims hereby amended: none.  
Claims hereby being added: none.  
Claims remaining: 1-34.

*S/N: 10/667,831*  
*Case FO01-P03*  
*Response "A"*